



SUPERIOR UNIVERSITY

Task#13

Submitted to: Sir Aqib

Submitted by: Hifza Khalid

Roll#:SU92_BSSEM_F22_202

Subject: Advance Computer Programming

Section: BSSE-4D

Date: May21,2024.

Topic: Data-base connectivity.

Question#1:

- **Data-base connectivity**

To connect a database in **NetBeans** with an **XAMPP server**, first, ensure XAMPP is running with Apache and MySQL services enabled. Open NetBeans, create or open your Java project, and add the MySQL JDBC driver to your project libraries. Then, configure your database connection by navigating to the Services tab, right-clicking on Databases, and selecting "**New Connection.**" Choose the MySQL driver, and enter the necessary connection details such as the database URL (typically ``jdbc:mysql://localhost:3306/yourdatabase``), username, and password. Test the connection to ensure it works, and then you can use this connection in your Java code to perform database operations.

- **Dependency MariaDB:**

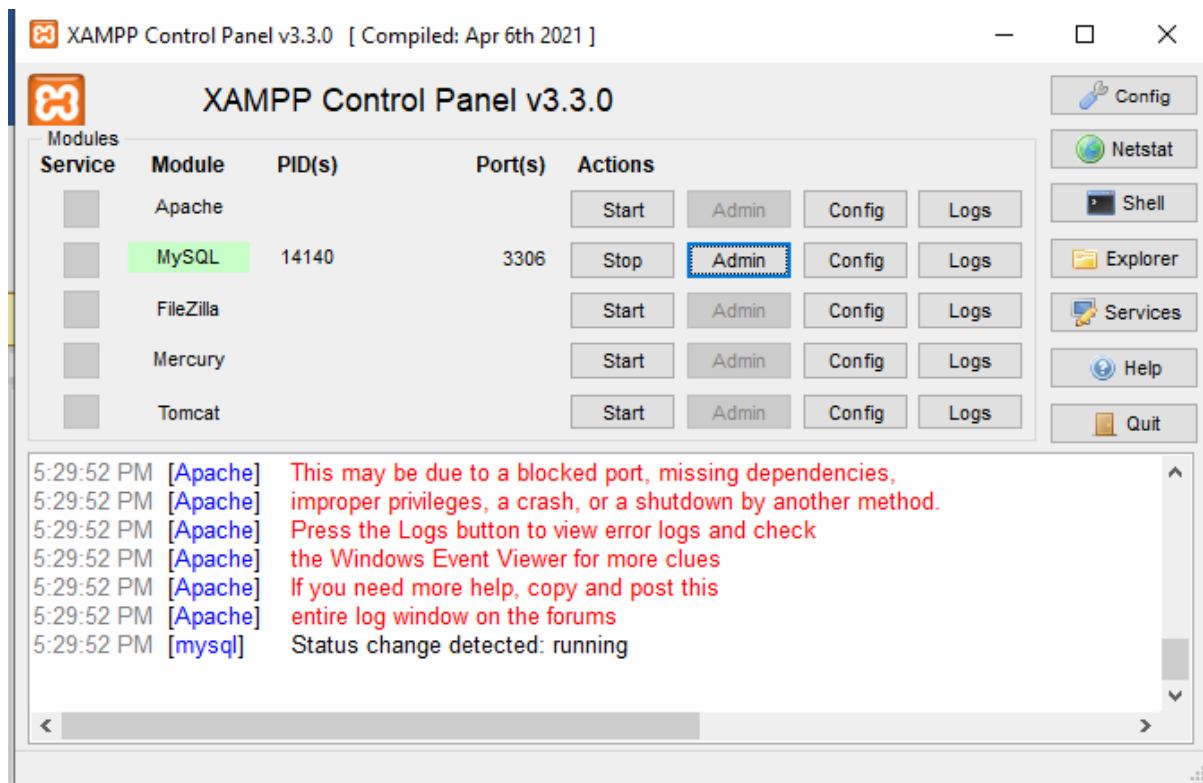
```

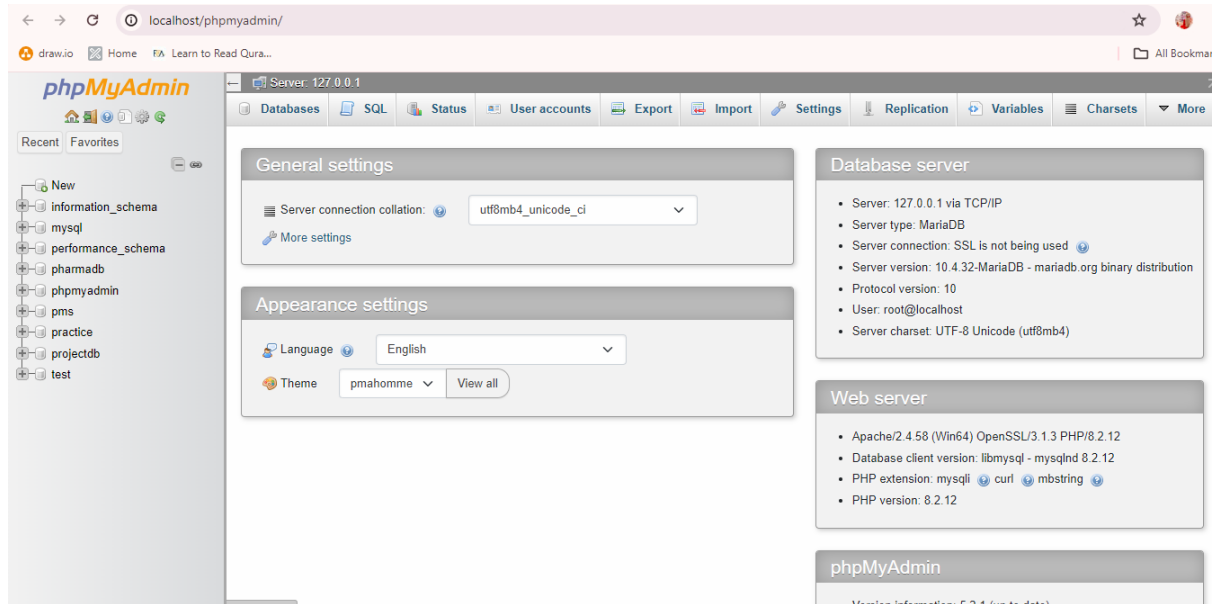
<dependencies>

  <dependency>
    <groupId>org.mariadb.jdbc</groupId>
    <artifactId>mariadb-java-client</artifactId>
    <version>3.1.3</version>
  </dependency>
  <dependency>
    <groupId>unknown.binary</groupId>
    <artifactId>jcalendar-1.4</artifactId>
    <version>SNAPSHOT</version>
  </dependency>
</dependencies>

```

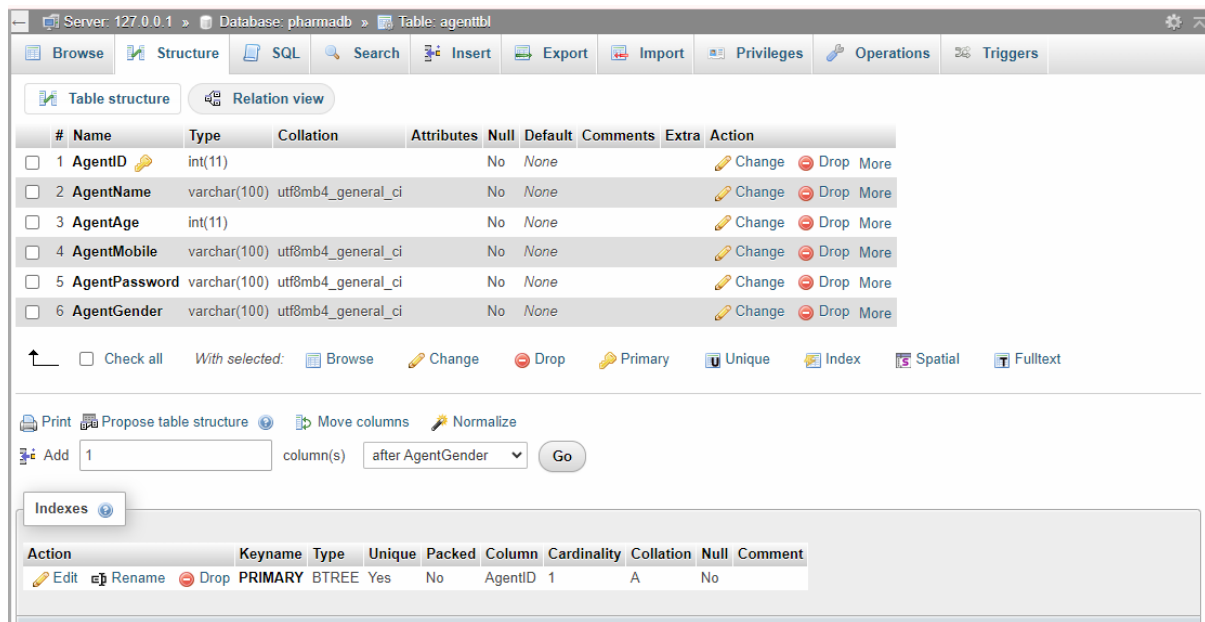
- **Xampp Server:**





Tables:

• Agenttbl:



• Companytbl:

Server: 127.0.0.1 » Database: pharadb » Table: companytbl

Showing rows 0 - 2 (3 total, Query took 0.0008 seconds.)

`SELECT * FROM `companytbl``

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	CompID	CompName	CompAddress	CompExp	CompContact
<input type="checkbox"/> Edit Copy Delete	1	Novartis AG	Novartis International AG Lichtstrasse 35 4056 Bas...	150	Novartis AG Official Website
<input type="checkbox"/> Edit Copy Delete	2	Merck & Co., Inc	2000 Galloping Hill Road Kenilworth, NJ 07033 Unit...	130	Merck & Co., Inc. Official Website
<input type="checkbox"/> Edit Copy Delete	3	Pfizer Inc	235 East 42nd Street New York, NY 10017 United Sta...	175	Pfizer Inc. Official Website

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

• medicinetbl:

Server: 127.0.0.1 » Database: pharadb » Table: medicinetbl

Showing rows 0 - 5 (6 total, Query took 0.0003 seconds.)

`SELECT * FROM `medicinetbl``

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	MedID	MedName	MedPrice	MedQTY	MedFab	MedEXP	MedComp
<input type="checkbox"/> Edit Copy Delete	1	Panadol	20	86	2024-01-01	2024-07-01	Novartis AG
<input type="checkbox"/> Edit Copy Delete	2	Keytruda	500	100	2024-04-01	2024-04-26	Novartis AG
<input type="checkbox"/> Edit Copy Delete	3	Disprin	20	91	2024-05-01	2025-05-31	Merck & Co., Inc
<input type="checkbox"/> Edit Copy Delete	4	Januvia	120	85	2024-05-01	2024-05-24	Pfizer Inc
<input type="checkbox"/> Edit Copy Delete	5	Gaviscon	150	1	2024-05-01	2024-05-31	Merck & Co., Inc
<input type="checkbox"/> Edit Copy Delete	6	Ponstan Ford	20	84	2024-05-07	2024-05-31	Pfizer Inc

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None